

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	275	bit adj shuffl\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L2	6	bit adj shuffl\$ and bit adj roll	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L3	51	bit adj shuffl\$ and encrypt \$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L4	19	bit adj shuffl\$ and encrypt \$.clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L5	1	"20050039030".pn. and single adj pipeline adj stage	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L6	16807	pipeline.clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L7	67	single adj pipeline.clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L8	4	single adj pipeline.clm. and decrypt\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L9	2	"20040039922" and pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L10	8256	stage adj pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L11	1381	stage adj pipeline and encrypt\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L12	43	stage adj pipeline.clm. and encrypt\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L13	10	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$). clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41

L14	1	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$).clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L15	273	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L16	0	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$).ab.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L17	1	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$).bsum.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L18	221	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$).detd.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L19	234	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and shuffl\$ and "XOR")	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L20	7	((multiplexor multiplexer mux) and pipeline and encrypt\$ and decrypt\$ and bit adj shuffl\$ and "XOR")	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L21	1	"20050039030" and pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L22	1	"4004089".pn.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L23	0	"4004089".pn. and gate adj delay	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L24	1	"4004089".pn. and gate	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L25	54	("4004089").URPN.	USPAT	OR	ON	2009/07/17 15:41
L26	7	("4004089").URPN. and shuffl\$	USPAT	OR	ON	2009/07/17 15:41
L27	1	("4004089").URPN. and latency	USPAT	OR	ON	2009/07/17 15:41
L28	354	shifted adj2 key	USPAT	OR	ON	2009/07/17 15:41
L29	5	shifted adj2 key with encrypt\$	USPAT	OR	ON	2009/07/17 15:41

L30	36	("4004089").URPN. and address	USPAT	OR	ON	2009/07/17 15:41
L31	0	"4004089".pn. and address	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L32	1	"4004089".pn. and key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L33	29	("4004089").URPN. and shift	USPAT	OR	ON	2009/07/17 15:41
L34	30	("4004089").URPN. and shift\$	USPAT	OR	ON	2009/07/17 15:41
L35	3	("4004089").URPN. and shift\$ and multiplex\$	USPAT	OR	ON	2009/07/17 15:41
L36	14	("4004089").URPN. and multiplex\$	USPAT	OR	ON	2009/07/17 15:41
L37	54	("4004089").URPN.	USPAT	OR	ON	2009/07/17 15:41
L38	0	single adj cycle adj (encrypt \$ decrypt4)	USPAT	OR	ON	2009/07/17 15:41
L39	0	single adj cycle adj (encrypt \$ decrypt\$)	USPAT	OR	ON	2009/07/17 15:41
L40	2	single adj cycle adj (encrypt \$ decrypt\$)	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L41	95	cycle adj (encrypt\$ decrypt \$)	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L42	57	cycle adj (encryption decryption)	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L43	1161	gate adj delays with clock	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L44	2	gate adj delay with clock same encrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L45	17	gate adj delay with clock and encrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L46	1	"20040054630".pn.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L47	2	"20040039922"	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L48	2636	pipeline adj processor	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L49	4	pipeline adj processor and single adj direction	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L50	13	pipeline adj processor and single adj2 direction	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L51	102	("713".clas. "380".clas.) and pipeline.ti.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41

L52	68	("713".clas. "380".clas.) and pipeline.ti. and (@ad @prad)< "20030815"	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L53	0	("713".clas. "380".clas.) and pipeline.ti. and (@ad @prad)< "20030815" and shuffle	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L54	0	("713".clas. "380".clas.) and pipeline.ti. and (@ad @prad)< "20030815" and encrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L55	5	("713".clas. "380".clas.) and pipeline.ti. and (@ad @prad)< "20030815" and encrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L56	65154	shift adj register	USPAT	OR	ON	2009/07/17 15:41
L57	634	shift adj register and stb	USPAT	OR	ON	2009/07/17 15:41
L58	1	shift adj register and stb and shuffle	USPAT	OR	ON	2009/07/17 15:41
L59	1	shift adj register and stb and shuffle	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L60	1	(shift adj register) and stb and shuffle	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L61	2	(shift adj register) and stb and shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L62	1077	(shift adj register) and set adj top adj box	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L63	30	(shift adj register) and set adj top adj box and shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L64	25	((mux multiplex\$) and "xor" and shift\$ and key). clm.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L65	1	"6765625".pn.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L66	270	bit adj shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L67	1	bit adj shuffl\$.ti.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L68	18	bit adj shuffl\$.ab.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L69	0	"713"."189".ccls.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L70	2007	713/189.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L71	1297	713/189.ccls. and (@ad @prad) < "20030815"	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41

L72	29	713/189.ccls. and (@ad @prad) < "20030815" and shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L73	0	713/189.ccls. and (@ad @prad) < "20030815" and buit adj shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L74	2	713/189.ccls. and (@ad @prad) < "20030815" and bit adj shuffl\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L75	64	380/57.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L76	21	380/57.ccls. and (@ad @prad) < "20030815"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L77	9	("2981794"   "4064558"   "4120030"   "5892826"   "6463538").PN. OR ("6792528").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/17 15:41
L78	0	713/57.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L79	527	713/190.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L80	348	713/190.ccls. and (@ad @prad) < "20030815"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L81	22	713/190.ccls. and (@ad @prad) < "20030815" and (rotate roll shuffle)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L82	4728	rotat\$ adj bits	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L83	934	rotat\$ adj bits.clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L84	28	rotat\$ adj bits.clm. and ("713".clas. "380".clas.)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L85	22	rotat\$ adj bits.clm. and ("713".clas. "380".clas.) and (@prad @ad) < "20030815"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L86	1	380/57.ccls. and 713/190.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L87	14	serial adj shift adj register. ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41

L88	1	"20010055395"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L89	3	caesar adj shift	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L90	20	pipeline adj encryption	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L91	100084	"713"/("193" "194").ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L92	2813	713/193.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L93	3379	713/193.ccls. 713/194.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L94	99	(713/193.ccls. 713/194. ccls.) and pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L95	84	(713/193.ccls. 713/194. ccls.) and pipeline and address	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L96	77	(713/193.ccls. 713/194. ccls.) and pipeline and address and key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L97	22	(713/193.ccls. 713/194. ccls.) and pipeline and address and key and (multiplex\$)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L98	0	(713/193.ccls. 713/194. ccls.) and 380/57.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L99	64	380/57.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L100	0	380/57.ccls. and pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L101	7623	pipeline.ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L102	214	pipelining.ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L103	182	pipelin\$ and encrypt\$.ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41

L104	108	pipelin\$ and encrypt\$.ti. and (@ad @prad) < "20030815"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L105	58	pipelin\$ and encrypt\$.ti. and (@ad @prad) < "20030815" and address	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L106	53	pipelin\$ and encrypt\$.ti. and (@ad @prad) < "20030815" and address and key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L107	30	pipelin\$ and encrypt\$.ti. and (@ad @prad) < "20030815" and address and key and multiplex\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L108	8	(pipelin\$ and encrypt\$.ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L109	111	713/189.ccls. and pipelin\$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L110	1	713/189.ccls. and pipelin\$. ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L111	17	713/189.ccls. and pipelin\$. ab.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L112	2353	726/4.ccls.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L113	9	"10144683"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L114	7	("6708273" "6959346" "20020001384" "20020078342" "20020191790" "20020184498" "6477646").pn.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L115	473	(pipeline and decrypt\$ and cipher\$ and key and multiplex\$)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L116	4	(pipeline and decrypt\$ and cipher\$ and key and multiplex\$).clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L117	108	(block and cipher).ti.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L118	26	(block and cipher).ti. and pipeline	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41

L119	2	("2002/0118827").URPN.	USPAT	OR	ON	2009/07/17 15:41
L120	58	("4078152"   "4157454"   "4160120"   "4168396"   "4249180"   "4255811"   "4306111"   "4308617"   "4375579"   "4724541"   "4982429"   "5003596"   "5003597"   "5054067"   "5103479"   "5214704"   "5317638"   "5351299"   "5381480"   "5454039"   "5835600").PN. OR ("6182216").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/17 15:41
L121	8505	pipeline adj stage	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L122	281	pipeline adj stage and roll and shift	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L123	11	pipeline adj stage and roll. clm. and shift	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L124	225	single adj pipeline adj stage	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L125	4	single adj pipeline adj stage and roll and shift	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L126	1	single adj pipeline adj stage with decrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L127	10	pipeline adj stage with decrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L128	401	roll adj region	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L129	1	roll adj region with bit	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L130	1	roll adj region same bit	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L131	10	roll adj region and bit	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L132	6253	bit adj adder	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L133	605	bit adj adder.clm.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L134	3	bit adj adder.clm. with pipeline	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L135	6	bit adj adder.clm. and pipeline and decrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L136	585	pipeline.clm. and adder. clm.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L137	4	pipeline.clm. and adder. clm. and decrypt\$.clm.	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41



L138	57	adder with key and pipeline	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L139	11	adder with key and pipeline and decrypt\$	US-PGPUB; USPAT	OR	ON	2009/07/17 15:41
L140	2	"20050010527"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L141	2	"20050010527" and encrypt \$	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L142	2	"20050010527" and encrypt \$ with register	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L143	2	"20050015558"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L144	1	"20050039030".pn.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L145	1	"20050039030".pn. and process	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L146	1	"20050039030".pn. and key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L147	2	"20050015558" and gate	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L148	2	"20050015558" and key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L149	0	"20050015558" and "xor"	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L150	2	"20050015558" and key with gate	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L151	1	pipeline and "xor" with key with adder	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L152	257	pipeline and "xor" with key	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L153	18	pipeline and "xor" with key. clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
L154	4	pipeline and "xor" with second adj key.clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41

L155	14	"xor" with second adj key. clm.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2009/07/17 15:41
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**7/ 17/ 2009 3:43:53 PM**

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